

ENGINEER II

DEFINITION

Under direction, is responsible for performing moderate to difficult professional engineering work; performs related duties as required.

EXAMPLES OF WORK (Any one position may not include all of the duties listed, nor do the examples cover all of the duties that may be performed.)

Acts as engineer-in-charge of moderately large construction and/or maintenance projects;

Reviews and interprets plans and specifications for equipment, materials, and general construction; provides technical advice and recommends changes as required;

Checks work accomplished by subordinates for quality and quantity by using pre-established standards and policies;

Supervises and evaluates professional and technical staff;

Reviews plans and designs prepared by staff and consulting engineers for conformance to plans, contract specifications, federal, state and city regulations and codes and sound engineering principles;

Represents the division at meetings with local, state, and federal agencies, regional planning and technical committees, commissioners, citizen groups, engineering groups and other City departments;

Stays abreast of current engineering principles;

Prepares comprehensive technical reports; maintains proper engineering files;

Reviews reports, studies, recommendations and surveys performed by subordinates and/or consulting firms;

Prepares preliminary plans/proposals and specifications and cost estimates for engineering projects.

MINIMUM QUALIFICATIONS

Possession of a valid State of Ohio certificate as a registered Professional Engineer and one (1) year of professional engineering experience. Substitution(s): Possession of a valid State of Ohio certificate as a registered Professional Engineer (P.E.) and five (5) years of practical engineering experience.

Specialization in the discipline for which appointment is being made may be required for some positions and will be incorporated in the job postings, as appropriate.

Possession of a valid motor vehicle operator's license.

SPECIAL NOTE:

Professional experience is defined as responsible and significant engineering work performed after registration as a Professional Engineer (P.E.). Practical experience is defined as responsible and significant engineering work performed after graduation from an accredited, degreed engineering curriculum.

KNOWLEDGE, SKILLS AND ABILITIES

Considerable knowledge of modern methods and techniques used in engineering; considerable knowledge of the principles and theories of engineering; considerable knowledge of the materials and equipment used in public works construction and/or maintenance; knowledge of city codes, rules, and regulations; ability to supervise professionals and subprofessionals assigned to do engineering work; ability to prepare preliminary engineering plans and/or specifications for major projects; ability to design moderately difficult engineering structures, facilities, systems and equipment; ability to develop and maintain effective working relationships with others; ability to prepare technical reports and maintain engineering records; ability to write and speak effectively.

Probationary Period:	365 Days
Examination:	Noncompetitive

Class Code:	1047
Job Family:	Applied Sciences
EEO Job Category:	Professional
Compensation Plan:	CMAGE
Salary:	Range 33-36

Class established:	04-08-63
Current spec:	06-25-01
Commission action taken:	Revise

Merge/Retitle (Traffic Engineer II (1091), Electrical Engineer II (1149), Mechanical Engineer II (1123) into Civil Engineer II 12/18/89)

Last reviewed:	06-25-01
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